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Dec 8, 1982

DERWENT-ACC-NO: 1982-07226J
 DERWENT-WEEK: 198250
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ENGLISH
 ABSTRACT

TITLE: Hip joint prosthesis - with two plastic shells for acetabulum separated by buffer layer

INVENTOR: RUSDEA, J; SCHELHAS, K D

PATENT-ASSIGNEE:

ASSIGNEE

CODE

ORTHOPLANT VERTRIEBS GMBH

ORTHN

PRIORITY-DATA: 1981DE-0021441 (July 22, 1981), 1981DE-0016140 (May 30, 1981)

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PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|--|-------------------|----------|-------|----------|
| <input type="checkbox"/> <u>EP 66092 A</u> | December 8, 1982 | G | 021 | |
| <input type="checkbox"/> <u>DE 3215583 A</u> | December 16, 1982 | | 000 | |
| <input type="checkbox"/> <u>DE 3265042 G</u> | September 5, 1985 | | 000 | |
| <input type="checkbox"/> <u>EP 66092 B</u> | July 31, 1985 | G | 000 | |

DESIGNATED-STATES: AT BE CH DE FR GB IT LI NL AT BE CH DE FR GB IT LI NL

CITED-DOCUMENTS: DE 2247721; DE 2340734 ; DE 2411617 ; FR 2210909 ; FR 2266491 ; GB 1126961 ; GB 1325534

APPLICATION-DATA:

| PUB-NO | APPL-DATE | APPL-NO | DESCRIPTOR |
|-----------|----------------|----------------|------------|
| EP 66092A | April 28, 1982 | 1982EP-0103593 | |

INT-CL (IPC): A61F 1/00; A61F 2/34

ABSTRACTED-PUB-NO: EP 66092A

BASIC-ABSTRACT:

A prosthesis shell for an acetabulum socket for the artificial or natural head of a femur consists of an outer shell which is separated from the inner shell in contact with the condyle by at least one elastic and/or damping buffer layer. The two shells are made of plastic material such as polyethylene, and the buffer layer is

made of silicone.

When not loaded, the inner shell is held at a given distance from the outer shell. When the joint is under load, a relative movement between them is possible.

This prosthesis has a greatly improved shock absorbing effect.

ABSTRACTED-PUB-NO:

EP 66092B

EQUIVALENT-ABSTRACTS:

A prosthesis shell for an acetabulum socket for the artificial or natural head of a femur consists of an outer shell which is separated from the inner shell in contact with the condyle by at least one elastic and/or damping buffer layer. The two shells are made of plastic material such as polyethylene, and the buffer layer is made of silicone.

When not loaded, the inner shell is held at a given distance from the outer shell. When the joint is under load, a relative movement between them is possible.

This prosthesis has a greatly improved shock absorbing effect. (21pp)

TITLE-TERMS: HIP JOINT PROSTHESIS TWO PLASTIC SHELL ACETABULUM SEPARATE BUFFER LAYER

DERWENT-CLASS: A96 D22 P32

CPI-CODES: A04-G02E; A06-A00E; A12-V02; D09-C01;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0231 0239 1306 2545 2617 3258 2726 2749 2765

Multipunch Codes: 013 04- 041 046 047 05- 229 38- 43& 443 476 477 50& 551 556 623 629 631 645 651 688

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